

# Scientific Method

Name \_\_\_\_\_

**What is the scientific method?** It is a \_\_\_\_\_ that is used to find \_\_\_\_\_ to questions about the world around us.

**Is there only one "scientific method"?** No, there are several versions of the scientific method. Some versions have more \_\_\_\_\_, while others may have only a few. However, they all begin with the identification of a \_\_\_\_\_ or a \_\_\_\_\_ to be answered based on observations of the world around us and provide an \_\_\_\_\_ method for conducting and analyzing an experiment.

**What is a hypothesis?** It is an \_\_\_\_\_ based on observations and your knowledge of the topic.

**What is data?** It is \_\_\_\_\_ gathered during an experiment.

